

Amendments to the Claims:

Please cancel claims 1 to 12 as presented in the underlying International Application No. PCT/EP2005/002959 without prejudice.

Please add the following new claims as indicated in the listing of claims below.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 12 (canceled).

Claim 13 (new): A system for the automatic application of self-adhesive protective film to specific parts of vehicle bodies, comprising:

a plurality of workstations arranged one after another in the system;

a horizontal conveying device conveying the vehicle parts to be treated through the workstations, with which the vehicle bodies can be brought to a standstill in each of the workstations in order to carry out certain amounts of work, in each case in a defined working position;

at least one pair of industrial robots defining application robots arranged in mirror-image fashion in relation to each other on each side of the horizontal conveying device in at least one of the workstations for joint handling and application of one piece of film in each case during the processing of the piece of film, the at least one workstation and the associated application robots defining an application station;

supply roll holders for drawing off pieces of protective film from a supply roll by an application robot, and also having a cutter for cutting off the piece of film drawn off from the supply roll;

a perforator for accurate-contour drawing of specific perforation lines in a piece of film held stretched out;

the system defining two separate application stations, a first application station contains two pairs and a second contains one pair of the application robots arranged opposite one

another;

a base element of each application robot being arranged in a fixed location to be immovable with respect to a conveying direction of the horizontal conveying device, in the respective application station, beside a position of an associated body part which the application robot processes when the body is at a standstill;

the supply rolls in use being arranged laterally beside the horizontal conveying device with a roll axis oriented parallel to the conveying direction, the supply rolls in use, in relation to the conveying direction of the horizontal conveying device, being arranged at different points, specifically at the point of the respectively associated application robots;

the perforator including a perforation tool held stationary, along which the piece of film held stretched out jointly by two opposite application robots can be moved in accordance with the contour of the desired perforation lines.

Claim 14 (new): The application system as claimed in claim 13 wherein the supply roll in use, including an associated cutter, is in each case arranged within an application tool of one of the two application robots of an associated pair of robots, and in that the opposite application robot of this pair of robots the application tool includes a suction strip.

Claim 15 (new): The application system as claimed in claim 14 wherein that within the workspace which can be reached by a working arm of each application robot provided with one of the supply rolls, a magazine for a plurality of supply rolls, in which the supply rolls are mounted in such a way that they can be transferred automatically into the application tool.

Claim 16 (new): The application system as claimed in claim 14 wherein in each case the supply roll contains film needed for about 100 to 200 application procedures.

Claim 17 (new): The application system as claimed in claim 14 wherein each supply roll is provided with a core made of hard paperboard or plastic.

Claim 18 (new): The application system as claimed in claim 14 wherein the supply roll in use can be fixed against film being drawn off.

Claim 19 (new): The application system as claimed in claim 13 wherein a width of the supply rolls corresponds to a length measured in the body longitudinal direction of the respectively associated body part to be filmed.

Claim 20 (new): The application system as claimed in claim 13 wherein the perforator includes a perforating wheel mounted to be pivotable about a pivot axis at right angles to a plane of the stretched-out piece of film and includes a pivoting drive integrated into a programmable control system of one pair of the application robots as a further movement axis, the pivoting drive always aligning a plane of the perforating wheel tangentially with respect to the contour of the desired perforation lines at a current perforation point.

Claim 21 (new): The application system as claimed in claim 20 wherein the perforator is arranged with the pivot axis oriented vertically and with a row of perforation teeth pointing downwards, under which the piece of film held and handled jointly by the pair of opposite application robots can be moved along in a horizontal attitude, following the contour of the desired perforation lines.

Claim 22 (new): The application system as claimed in claim 13 wherein the second application station is provided with only one pair of the opposite application robots for application of a piece of film corresponding to the roof area of the body.

Claim 23 (new): The application system as claimed in claim 13 wherein the first application station is provided with the two pairs of opposite application robots for the application in each case of a piece of film corresponding to the hood area and the rear panel area.

Claim 24 (new): The application system as claimed in claim 13, further comprising an applicator for application of a narrow self-adhesive edge securing tape, the applicator being integrated into an application tool of the application robot having a suction strip, the tape being positionable over edges of the film located at a front in the direction of travel of the body in the roof regions and hood region.